

Preliminary Classification:

Proposed Class: 210

Subclass:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Thomas A. Davis

For (title): PRODUCTION OF PURIFIED WATER AND HIGH VALUE CHEMICALS FROM
SALT WATER

1. Type of Application

This application is for an original (non-provisional).

EXPRESS MAILING UNDER 37 C.F.R. § 1.10*

(Express Mail label number is *mandatory*.)

(Express Mail certification is *optional*)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date August 1, 2003 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. ER464942688US .

Debra Dunn-Brown

Type or print name of person mailing paper

Date: August 1, 2003

Debra Dunn-Brown
Signature of person certifying

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

2. Papers Enclosed

A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

35 Page(s) of Specification
15 Page(s) of Claims
8 Sheet(s) of Drawing(s)--Informal

B. Other Papers Enclosed

1 Page(s) of Abstract
1 Page(s) of Title Page
1 Page(s) of Express Mail Certificate
3 Page(s) of Patent Application Data Sheet
3 Page(s) of Combined Declaration and Power of Attorney (unexecuted)
1 Page(s) of Check No. 23232 for \$861.00
1 Page(s) of Return Postcard

3. Declaration or Oath

An unexecuted declaration is enclosed.

4. Inventorship Statement

The inventorship for all the claims in this application is the same.

5. Language

English

6. Fee Calculation (37 C.F.R. § 1.16)

Regular Application											
CLAIMS AS FILED											
Basic Fee 37 C.F.R. § 1.16(a) \$750.00											
Number Filed			Number Extra			Rate					
Total											
Claims (37 C.F.R § 1.16(c))			60	—	20	=	40	x	\$ 18.00	= \$	720.00
Independent											
Claims (37 C.F.R § 1.16(b))			6	—	3	=	3	x	\$ 84.00	= \$	252.00
Multiple Dependent Claim(s), if any (37 C.F.R § 1.16(d))											
								\$	280.00	\$	0.00

Filing Fee Calculation

\$1,722.00

7. Assertion of Small Entity Status

Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27.
Status as a small entity was asserted in the prior application 60/400,598 filed on August 2, 2002 from which benefit is being claimed for this application under 35 U.S.C. § 119(e) and which status as a small entity is still proper and asserted for this application.

Filing Fee Calculation (50% of above Filing Fee Calculation)

\$861.00

8. Fee Payment Being Made at This Time

Enclosed

Filing Fee

\$861.00

Total Fees Enclosed

\$861.00

9. Method of Payment of Fees

Attached is Check No. 23232 in the amount of \$861.00.

Charge any additional fees required by this paper or credit any overpayment to Account No. 50-2548.

A duplicate of this paper is attached.

9. Authorization to Charge Additional Fees

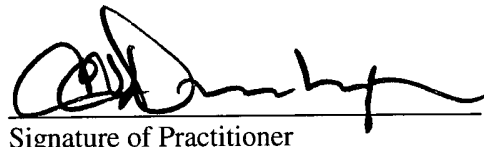
The Office is hereby authorized to charge, to Account No. 50-2548, any additional fees that may be required by this paper and during the entire pendency of this application.

10. Instructions as to Overpayment

Credit Account No. 50-2548.

Date: August 1, 2003

Reg. No.: 35,124
Tel. No.: 864-250-2238



Signature of Practitioner

Charles E. Dunlap
Nelson Mullins Riley & Scarborough, LLP
Post Office Box 11070
Columbia, SC 29211

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Thomas A. Davis

Application No.: Not yet assigned

Group No.:

Filed: August 1, 2003

Examiner:

For: PRODUCTION OF PURIFIED WATER AND HIGH VALUE CHEMICALS FROM SALT WATER

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number ER464942688US

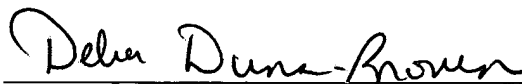
Date of Deposit August 1, 2003

I hereby state that the following *attached* papers or fees:

1. Fee Transmittal Sheet (1 page)
2. New Application Transmittal with Duplicate (3 pages each)
3. Patent Application Data Sheet (3 pages)
4. Unexecuted Combined Declaration and Power of Attorney (3 pages)
5. Non-Provisional Application with Title Page, Abstract (52 pages)
6. Drawings (Informal) (8 pages)
7. Check No. 23232 for \$861.00 (1 page)
8. Return Postcard (1 page)

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.

Debra Dunn-Brown



Signature of person mailing paper or fee

08/01/03



17439 U.S. PTO

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 861.00)

Complete if Known

Application Number	Not yet assigned
Filing Date	August 1, 2003
First Named Inventor	Thomas A. Davis
Examiner Name	Not yet assigned
Art Unit	Not yet assigned
Attorney Docket No.	16139/09038

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☐ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

50-2548

Nelson Mullins et al

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	375
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 375.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
60	-20** = 40	x 9	= 360
6	-3** = 3	x 42	= 126
Multiple Dependent	0	= 0	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 486.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Charles E. Dunlap	Registration No. (Attorney/Agent)	35,124	Telephone	864-250-2238
Signature		Date	August 1, 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.